

Title Terms: ELECTRODEPOSIT; UNIFORM; GLOSS; PHOTORESIST; PATTERN;
PRELIMINARY; STEP; CHEMICAL; POLISH; COPPER; SURFACE; BENZENE;
CARBOXYLATE; DERIVATIVE; HIGH; RESOLUTION; PATTERN

Derwent Class: A89; E14; G06; L03; U11

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H05K-003/06; H05K-003/28

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XRPX Acc No: N98-066297

Radiation-sensitive resin compositions, radiation-sensitive
resin compositions for colour filters and their cured compositions
comprises copolymer bearing both acid and hydroxyl groups, allylnadiimido
compound, melamine compound or guanamine compound, and photo-acid
generator

Patent Assignee: NIPPON KAYAKU KK (NIPK)

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9316346	A	19971209	JP 96159279	A	19960531	199808 B

Priority Applications (No Type Date): JP 96159279 A 19960531

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9316346	A	7	C08L-101/02	

Abstract (Basic): JP 9316346 A

A radiation-sensitive resin composition comprises (A) a copolymer

bearing both acid and hydroxyl groups, (B) an allylnadiimido compound, (C) a melamine of formula (1-1) or a guanamine of formula (2-2), (D) a photo-acid generator and (E) a diluent.

Formula (1-1)-p

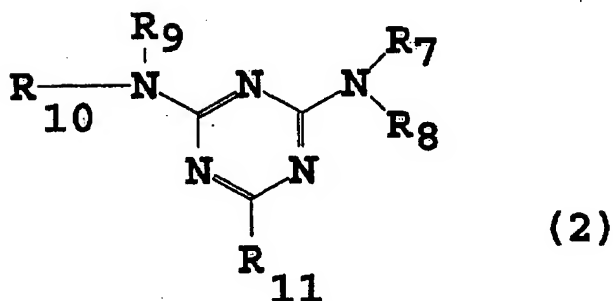
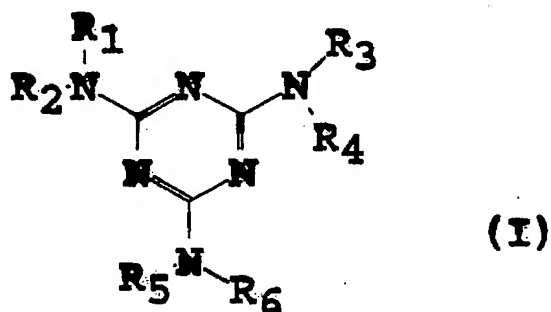
Formula (2-2)-p

$R_1=H$, $-C_2OR_{12}$ or $-(CH_2)_4-OR_{12}$; $R_{12}=H$ or 1-6C alkyl; R_{11} =alkyl or (substituted) phenyl.

USE - The radiation-sensitive resin compositions are useful for protective coats for colour filters for colour video cameras and liq. crystal colour TV sets, binders for colour filters R, G and B, liquid resists and insulation coatings.

ADVANTAGE - The radiation-sensitive resin compsns. can easily be formed into fine patterns and have excellent developing properties with resistance to the developer of the light-exposed portion of the compsns. and the cured compsns. have excellent heat resistance, adhesion and hardness without little colouration at high temp.

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Title Terms: RADIATE; SENSITIVE; RESIN; COMPOSITION; RADIATE; SENSITIVE; RESIN; COMPOSITION; COLOUR; FILTER; CURE; COMPOSITION; COMPRISE; COPOLYMER; BEARING; ACID; HYDROXYL; GROUP; COMPOUND; MELAMINE; COMPOUND;